

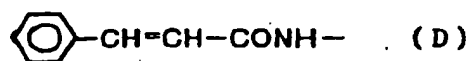
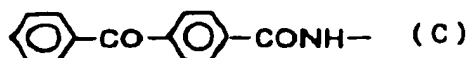
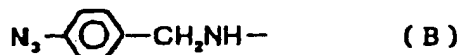
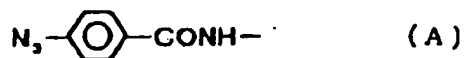
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-23 (cancelled).

Claim 24 (previously amended) A functional chitosan derivative comprising an at least partially deacetylated chitin/chitosan attached to at least one photo-reactive functional group selected from the following (A)-(D):



said functional group(s) being incorporated to an amino group at the 2-position of a glucosamine unit constituting said chitin/chitosan.

Claim 25 (currently amended) A health-care material in the form of wound dressings, anti-adhesion ~~material~~ materials, ~~hemistatics~~ hemostatics, sealants for body fluids or gases, clathrates for drug delivery or ~~capsulating~~ encapsulating agents for cell ~~adhesive~~ adhesives, said health care material comprising a functional chitosan derivative as recited in ~~Claim~~ claim 24.

Claim 26 (cancelled).

Claim 27 (currently amended) The functional chitosan derivative of claim 24 comprising an additional functional group attached to the at least partially deacetylated chitin/chitosan selected from the group consisting of:

- a carbohydrate having a reducing terminal selected from lactose, maltose, melibiose, cellobiose, ~~laminaribose~~ laminaribiose and mannobiose and equivalents thereof and being incorporated to an amino group at the 2-position of a glucosamine unit constituting said chitin/chitosan;
- an amphipathic group being incorporated to an amino group at the 2-position of a glucosamine unit constituting said chitin/chitosan or a hydroxyl group at the 3-position or 6-position of a glucosamine unit or an acetylglucosamine unit constituting said chitin/chitosan;
- a glycosaminoglycan being incorporated to an amino group at the 2-position of a glucosamine unit constituting said chitin/chitosan;

and combinations thereof.